

19990225.ba v02\_n440.bam.990225 v02\_n441.bam.990225

>From ???@??? Fri Feb 26 01:56:18 1999  
Message-Id: <199902251433.IAA02195@sco.theporch.com>  
Date: Thu, 25 Feb 1999 08:31:10 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2440

BOATANCHORS Digest 2440

Topics covered in this issue include:

- 1) DIAL COUNTER  
by Dave Jordan <wa3gin@erols.com>
- 2) BA places in Idaho/Oregon?  
by Chip Owens <owens@atd.ucar.edu>
- 3) R 1051 Light Bulbs  
by David M Sundheimer <w0nbz@juno.com>
- 4) Help with SP-600 dial disks  
by Tom Norris <badger@telalink.net>
- 5) RE: Help with SP-600 dial disks  
by Ed Sieb <esieb@gmsiworld.com>
- 6) AM TABLE RADIO FOR SALE  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 7) Re: cleaning ceramic sockets?  
by "Barry L. Ornitz" <ornitz@tricon.net>
- 8) Re: 3-500Z chimneys  
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 9) Re: 3-500Z chimneys  
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 10) Re: 3-500Z chimneys  
by Morris Odell <morriso@vifp.monash.edu.au>
- 11) RE: GB> Regenerative receivers...  
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 12) RE: GB> Regenerative receivers...  
by "David Newkirk" <dpnewkirk@home.com>
- 13) Re: cleaning ceramic sockets?  
by Arnulf Hagen <aphagen@pop.okla.net>
- 14) Wives and BA's  
by Tom Norris <badger@telalink.net>
- 15) Re: Help with SP-600 dial disks  
by Bob Login <jlogin@gville.mindspring.com>
- 16) Headset rewiring: sewing leather, HB crimpers, cloth-wire tips  
by "Roberta J. Barmore" <rbarmore@indy.net>

-----  
Message-ID: <36D460E4.57016B11@erols.com>

Date: Wed, 24 Feb 1999 15:28:20 -0500  
From: Dave Jordan <wa3gin@erols.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: DIAL COUNTER  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

I'm in search of a set of three matching dial turn-counters or a unit to match a pair that I already have. Please visit my web page at "[www.erols.com/WA3GIN](http://www.erols.com/WA3GIN)" to view...

thanks,  
dave

-----  
Message-ID: <36D47202.5A6D334@atd.ucar.edu>  
Date: Wed, 24 Feb 1999 14:41:22 -0700  
From: Chip Owens <owens@atd.ucar.edu>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BA places in Idaho/Oregon?  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

Any interesting BA places to visit in Idaho or Oregon? Historical, museums, surplus stores, military salvage places?

Thanks, CHip, NW00

--  
Chip Owens (owens@atd.ucar.edu)

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Wed, 24 Feb 1999 16:33:42 -0600  
Subject: R 1051 Light Bulbs  
Message-ID: <19990224.163347.18702.4.w0nbz@juno.com>  
From: David M Sundheimer <w0nbz@juno.com>

BA'ers -

Having seen reports on here of the 1051 bulbs costing \$ 30 -- \$35 each, I wrote to Grimes Aerospace for a price. As of January, the bulbs are \$ 49.50 each. However, I believe that price includes shipping.

Dave Sundheimer W0NBZ w0nbz@juno.com Burnsville (near Minneapolis)  
Minnesota

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You don't need to buy Internet access to use free Internet e-mail.  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Message-Id: <3.0.5.32.19990224164551.009fc730@mail1.telalink.net>  
Date: Wed, 24 Feb 1999 16:45:51 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <badger@telalink.net>  
Subject: Help with SP-600 dial disks  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Help. I am in the process of refinishing the panel of  
my SP-600. The dial disks have some sort of antifungal  
coating on them ( as did the panel ) Nothing seems to remove  
it, and I am too chicken to try to blast and repaint the disks.  
Anyone have a pair of spare dial disks for an SP-600 that  
are somewhat white in color? ( as opposed to the tobacco-  
juice yellow-brown that mine are? )

At one time on the BA list, I recall someone having a supply  
of these. It has been a couple years though.

Thanks for any help

Tom KA4RKT

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Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

Click on the "Online Manuals..." link for a few  
manuals in PDF format. More to be added  
as time goes by.

ANY and ALL Contributions Welcome.

\*\*\*\*\*

Tom Norris KA4RKT

[badger@telalink.net](mailto:badger@telalink.net)

Nashville, Tennessee, USA

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\*\*\*\*\*

-----  
Message-ID: <01BE6020.5721B780@esieb.gmsiworld.com>  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Help with SP-600 dial disks  
Date: Wed, 24 Feb 1999 18:05:55 -0500  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Tom and the An-chorus <groan>

The restoration and refurbishment (the re-installing of Furbies) of my SP-600 is imminent.  
So, I too am looking for dial disks, as well as large knobs (tuning) and any other sources of parts  
and material for the SP-600 (J).

73, de Ed VA3ES/VE2BAQ (that's Boat Anchor Quality)

~~~~~  
Ed Sieb, VA3ES va3es@rac.ca  
P. O. Box 8377, Ottawa Terminal, Ottawa, Ontario, K1G 3H8  
613-738-8924 (H) 613-599-5161 (W)  
AMI #529 Canadian Division Director.  
Member - Radio Club of America, QCWA, AWA  
Net Manager - Canadian Boat Anchor Net (3745 Kcs)  
~~~~~

-----  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Date: Wed, 24 Feb 1999 21:39:33 -0500 (EST)  
Subject: AM TABLE RADIO FOR SALE  
To: Old Tube Radios <boatanchors@theporch.com>  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
Message-ID: <9902242139.aa11729@pcusa01.ecunet.org>

To: boatanchors@theporch.com

FOR SALE: Crosley table clock radio.

Model 11-120U. White plastic cabinet, measures 12"W x 8"H x 7"D. Has two large (4.5" dia.), brass-tone dials on front, one for the clock & one for

the string-driven tuning dial. Crosley emblem in middle. Large matching knobs. Has very 50's high-style look, unusual, like automotive styling, i.e. molded, smooth curves & streamlined.

Condition is excellent, except for a few very small scratches. This radio had one owner, lived its whole life in a living room (never in storage) in a dry climate. Has original feet, cabinet's fiberboard back in in excellent condition.

Covers AM broadcast band. Tube lineup: 12BE6, 12BA6, 12SQ7, 50C5, 35W4 (interesting mixture of miniature & octal tubes). Has xtal phono input & switch on rear. Built-in loop antenna of interesting construction & external antenna connection too. Original ivory color power cord & molded plug in good condition. Radio works FB but could use an alignment. It is stock in every way, untouched by "modern" hands.

Clock runs quietly, has three small white knobs (labeled: sleep 0-60, set-alarm, radio/alarm, off, radio) controls radio, alarm and AC power receptacle on side of cabinet for external appliance, e.g. coffee maker. Time adjustment on back. Has 0-60 minute sleep cycle & interesting "double" dial, sweep second hand.

\$60 + postage.

+++++

Free! bonus with above radio: National (Matsushita) 7-transistor, 2 band radio, ca early 60's. Covers AM broadcast & 3.9 to 10 MHz short wave. Has hi-lo tone switch. Measures 6"W x 4" H x 2" D, gray, black & chrome case. Case in fair-good condition will clean up fine. Takes whip antenna for SW (missing). Runs on 4@ AA batteries; some corrosion (not fatal) damage to removable plastic battery holder but not elsewhere. Has jacks for: external antenna, earphone, external speaker & external power.

Works on both bands but probably needs an alignment.

-John Sehring (Wed, Feb 24, 1999 @ Custer SD USA) UCC WB2EQG  
"Live long and prosper" --John 10:10b

-----  
From: "Barry L. Ornitz" <ornitz@tricon.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: cleaning ceramic sockets?  
Date: Wed, 24 Feb 1999 21:25:32 -0500  
Message-ID: <01be6066\$1e7d2040\$9e4d62d8@ornitz.dpnnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="utf-8"

Content-Transfer-Encoding: 7bit

Arden Allen wrote:

>Thankyou for the corrections to my feeble understanding of the various  
>solvent identities. Taken as a whole, both of our advisories are  
>essentially correct with three exceptions, spelling, flammability and  
>conductivity

>> >Trichlor{o}ethylene, .....

This is the correct chemical name. It has many trade names.

>I might repeat here, 1,1,1 is an ozone depleter and is not used anymore in  
>contact cleaners cuz the EPA said "no more!"

Yes but it still available in some cleaners. I think you are confusing it with Freon-TF. Even Freon-TF (technically 1-trichloro,2-trifluoro ethane) is still available (at exorbitant prices) for certain uses. Trichloroethane use has been greatly curtailed in most applications but its use has not completely stopped.

>> Note that the three above compounds are all flammable too, although  
>> methylene chloride takes a "hot" spark to ignite. The other two  
>>compounds are easily ignited by a spark.

>

>I don't agree at all here. I conducted an experiment a few minutes ago.  
>I loosely rolled a Kleenex (a flammable material) into a ball and soaked  
>it in 1,1,1 trichloroethane from the can of Carbo-Trichlor. I clamped the  
>soaked ball in mid air and placed a lit match under the ball. The flames  
>from the match encircled the ball but no ignition occurred, the ball of  
>tissue was essentially fire proofed.

Burning the liquid is difficult, but the explosive limits are those published by the manufacturers. I can provide a number of references for this. This is to ignite the vapors when they reach a certain concentration range in air. This would be the case when sufficient material has evaporated inside a radio to reach the explosive limits and a spark sets it off. This information is checked experimentally. Before approximately 1991, many MSDS sheets listed trichloroethane as nonflammable. After a few accidents (notably with vapor degreasing systems), they have learned otherwise. The explosive limits I think I gave, 8 to 10.5% in air, are typical of about 15 recent MSDS sheets for the pure solvent (a few list the lower explosive limit as 7%). Industrial inhibited trichloroethane containing up to 5% of dioxane has a wider range, 8 to 15% in air.

It is important to note this inhibitor is to prevent the reaction of trichloroethane with water which causes hydrochloric acid to be formed. It

also reduces the reactivity with trichloroethane with metals, especially aluminum. Warnings are given in the MSDS information about the possible formation of dioxins (very carcinogenic) from the dioxane when the material is exposed to heat.

>> Acetone is a polar solvent, but it is not electrically conductive.

.....

>This may be correct from a molecular point of view but experimentation  
>will show that a current flows in acetone: Dipping a piece of bus wire  
>connected to an ohmmeter (Fluke 77) one inch into a fresh can of Jasco  
>acetone gives a reading of 2 megohms. I don't know what the explanation  
>for the current flow is but I'll stick with my statement that acetone is  
>conductive and should not be used on live circuits.

Your acetone is not pure, but an industrial grade. It has likely been contaminated by water and conductive metal salts. But note I never said to use acetone on a live radio. You should always allow any solvent to evaporate completely before powering the radio. You also noted that the ceramic washed in acetone is not conductive when dry.

>BTW, I have used straight trichloroethane on live circuits many times  
>without ill effect.

You have obviously never used enough to reach the lower explosive limit, and you have been lucky. It is difficult to reach the explosive limit in an open area with lots of air flow. However in an enclosed radio, the situation is different, and concentrations can build up.

>Magnet wire is coated with a plastic insulation that protects the wire  
>from the corrosion problems due to the presence of moisture. Exposed  
>transformers will show corrosion at the wire terminations if not properly  
>varnish or wax impregnated.

I am not talking about corrosion problems here. I am talking about the fact that many transformers are not completely sealed with varnish, wax, or tar. Water in these will swell the insulating paper between winding. It is this paper, not the wire insulation, that handles most of the voltage between layers in the transformer. The wire insulation is basically to handle the turn-to-turn voltage differential. The paper contains many ionizable salts but they are not conductive until there is water present. My point is that in any radio subjected to the environment where water absorption might be a problem, by the time the transformer has dried sufficiently, the ceramic will have long since dried too. I can take days to weeks to thoroughly dry out a transformer.

>Condensation is not visible to the naked eye on surfaces until the  
>isolated water droplets become large enough to "fog" the surface.  
>Porous materials "store" water just as a sponge does, the sponge

>drys on the surface first. If condensation occurs in repeated cycles  
>the porous interior may never completely dry out. At the boundry  
>of ceramic and metal a constant supply of water is not desirable.

I guess the point here is: keep your radios stored in a place where  
condensation is not a problem - to transformers, to ceramics, to coil  
forms, etc. Transformer insulating paper is both porous and hydroscopic.  
The ceramic is only porous.

>The safety long shot of this is, and I think Barry will agree, be carefull  
>when using solvents. Know what the flammability characteristics of the  
>solvent are. If in doubt, proceed as if the solvent is extremely  
>flammable, don't use near an ignition source and provide plenty of  
>ventilation. Avoid unnecessary contact with the skin. Avoid breathing  
>fumes, especially concentrated fumes as you will not realize the extent of  
>intoxication you are subjecting yourself to. Replace fumigated air with  
>fresh air. Always work safely with solvents.

>

>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

This is good advice. Wear safety glasses too. It is a good practice to  
never spray ANY material into a live radio. Many materials which are not  
normally flammable become so when dispersed in air in the form of small  
drops or a mist. Flour is a good example. It is not easy to set fire to  
a pile of flour or grain. But unfortunately dust explosions still happen  
in flour mills and wheat silos with some frequency.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

-----  
Date: Thu, 25 Feb 1999 00:21:32 -0500

From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)

Message-Id: <199902250521.AAA00367@aa4rm.ba-watch.org>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: boatanchors@theporch.com, owner-boatanchors@theporch.com

Subject: Re: 3-500Z chimneys

Say Dave you wrote:

>Marty, do you realize that the airflow from a vertical chimney fails to...

And I originally sed

> Claussen Pickle jars with the bottoms glass-cut out.

Well the tops are rolled for the lid-screw & do just fine at aiming air at  
the anode seal.



Now to return to your quoting from W6SAI's "care & feeding," let me suggest to preserve origin of this McGiver stunt that the integrity of the paper pickle labels be maintained at all costs

Perhaps someone out there has had better luck with Big Dixie (no kiddin') pickle jars? Better mid-band linearity?? Sweeter sound on 17M???

I bet you think I'm kidding on the label. Wanna see the jpg?

M

-----  
Date: Thu, 25 Feb 1999 00:30:05 -0500  
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <199902250530.AAA00393@aaa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 3-500Z chimneys

Just cut out the right end of the Big Dixie jar - the bottom

Then it makes no difference which plate cap you use - even a big Fahnestock would be OK given enuf airflow (or other old chrysler model)

-----  
Message-ID: <36D4F418.A43E5238@vifp.monash.edu.au>  
Date: Thu, 25 Feb 1999 17:56:24 +1100  
From: Morris Odell <morriso@vifp.monash.edu.au>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 3-500Z chimneys  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all,

"Barry L. Ornitz" wrote:

>  
> >Marty, do you realize that the airflow from a vertical chimney fails to  
> >provide air around the plate seal as does the original chimney's that are  
> >tapered for that purpose.

> This is easily handled if larger heat dissipating plate caps are used. I  
> used to make them on a lathe using 1 to 1.5 inch diameter aluminum stock.

<snip>

> Unfortunately I do not have access to that lathe over lunch any more.

Not having access to a lathe at the time either, and aware of this problem, I fabricated my plate connector from a piece of copper tube and some sheet copper. I slotted a 1 cm length of tube to fit the plate cap and then brazed a 2-3 cm diameter "hat" on top. I slotted the hat in 6 or 8 places with a hacksaw and bent the resulting sectors up so that the whole thing resembles a miniature propellor! It looks wierd but works very well. the limiting factor of course is the added capacitance of the hat. In my case it didn't make the amplifier impossible to tune on 10M. The tube is a TB3/750 which is a triode about the size of a 4-250 running G-G.

73 de Morris VK3D0C

-----  
From: "Roger A. McCarty" <rmccarty@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: GB> Regenerative receivers...  
Date: Thu, 25 Feb 1999 01:26:31 -0800  
Message-ID: <000501be60a0\$edb74f40\$9405b2d1@rmccarty.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>From a different perspective.....,

Has anyone had (good) luck with small regens? Any hints or tips/pointers? I am attempting to build 3 different units for more or less, portable operation. One uses a 2e32, a 2e36, and a 1s4. Another uses a 3a4, and the third will use a 6u6. I am having horrible luck so far.

Has anyone successfully used a toroid rather than a full size coil form? Converted a design from a full size coil to a toroid? Hints or tips in this regard?

Thanks

Roger KD6CC

-----  
From: "David Newkirk" <dpnewkirk@home.com>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: GB> Regenerative receivers...  
Date: Thu, 25 Feb 1999 07:27:36 -0500  
Message-ID: <000001be60ba\$3a4d98a0\$11670518@cc328679-a.vron1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Roger McCarty wrote:

> Has anyone successfully used a toroid rather than a full size coil form?

Yes. For one published version, see my "A 40-Meter Regenerative Receiver You Can Build" in September 1992 QST. Toroidal coils have the advantage of having almost no external magnetic field, making their Q relatively unaffected by nearby objects (including the coil form, but also steel chassis and panels, which can really kill a coil's Q), and largely doing away with any coupling between them and other coils, including solenoids, in the vicinity. With few exceptions, I now use only ferrous-core toroids in my shortwave work, and will be doing some experimentation in toroidal replacements for 1- and 2.5-mH RF chokes.

My most recent use of toroidal coil in a regenerative detector involves the use of an FT-114A-61 ferrite core in the resonator for a Hartley detector at 455 kHz.

> Converted a design from a full size coil to a toroid? Hints or  
> tips in this  
> regard?

Determine the inductance of the specified coil with the help of the general inductance formula found in the ARRL and Radio handbooks, select a suitable toroidal core (fine point: use -6 powdered-iron material at HF if you can because it's more temperature-stable than -2; but don't be afraid to use -2 if it's the best answer to keeping the number of turns down). A Hartley's tap goes the same percentage up from ground on a toroid as a solenoid. Tickler coils and links will need a bit of experiment because builders typically used spacing between tickler (or antenna links) and tuned windings to adjust coupling; doing so is more difficult with a toroid, and works against the practice of stretching the main winding around the entire circumference of the core (minus about 30 degrees to keep capacitance down between the winding's start and finish). (I'd wind a link or tickler on top of a tuned toroidal winding and use fewer turns to achieve the same coupling as in a solenoidal original.)

BTW, toroidal coils aren't new; some early broadcast sets used large ~~air~~-core toroids to minimize coupling between the input and output of

amplifier stages. Using today's -0 core material, which is phenolic, is an easier way to make air-core toroidal coils today.

73,

Dave Newkirk, W9VES  
dpnewkirk@home.com

-----  
Message-ID: <36D54F5B.6903@pop.okla.net>  
Date: Thu, 25 Feb 1999 07:25:47 -0600  
From: Arnulf Hagen <aphagen@pop.okla.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>,  
free glowbugs <glowbugs@piobaire.mines.uidaho.edu>  
Subject: Re: cleaning ceramic sockets?  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Roberta J. Barmore wrote:

"trichlor" remember: the alkanes, the alkenes, the alkynes, and the inanes.

Having worked with asphalt, when I visited labs I learned the technicians used the term trichlor to refer to either solvent depending on which they used. When I stopped professoring and joined industry I forced my workers to use correct names for chemicals. Good topic for safety meetings.

enjoy your many great comments..arni w5sro

takes me a minute to write an e-mail, then the wordsmithing begins...

-----  
Message-Id: <3.0.5.32.19990225072710.007cc2d0@mail1.telalink.net>  
Date: Thu, 25 Feb 1999 07:27:10 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <badger@telalink.net>  
Subject: Wives and BA's  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

[ tony wrote on the R-390 list - ]

>I learned long ago that wives are apt to be a bit critical of boatanchors;  
>they are programmed differently and seldom see the beauty in a 50 year old  
>dust-covered work of art. So I casually strolled out into the paddocks,

I must be unusual here. My wife loves my old radios, if for no other reason than they are mechanically complex and still work after 40-50 years. She is absolutely fascinated by tubes, in that they work at all, just being a few pieces of metal in a vacuum. ( and she also understands the physics of their operation! ) I can't really get her really interested in the hobby though, she has way too many of her own as it is.

Anyone else have spouses that are hams or are at least interested in old radios?

73 all

Tom KA4RKT

( another amazing fact, I am a ham lucky enough to work in the radio communications field, with a stint in broadcasting for a while. She is a book addict that is a library assistant. Not sure just how we both ended up with jobs that just coincidentally are directly related to our hobbies. Luckily, most of the BA tomes mentioned on the list are indeed available through interlibrary loan!!! )

-----  
Message-Id: <199902251427.JAA25687@smtp2.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 25 Feb 1999 09:23:42 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Bob Login <jlogin@gville.mindspring.com>  
Subject: Re: Help with SP-600 dial disks  
Cc: Old Tube Radios <boatanchors@theporch.com>

Tom--I hv the SP600 videos and in them Chuck Rippel shows how to replace dials and he sells the overlays. U turn the old dials an put the white overlays on the back!

I redid my panels by stripping off all paint down to bear metal priming, painting and relettering with white -out(typing correction fliud) U remove excess with auto refinishing paste(mild rubbing agent--3M makes a version)...Looks great..73's Bob, AA8A

At 04:45 PM 2/24/99 -0600, you wrote:

>Help. I am in the process of refinishing the panel of  
>my SP-600. The dial disks have some sort of antifungal  
>coating on them ( as did the panel ) Nothing seems to remove  
>it, and I am too chicken to try to blast and repaint the disks.  
>Anyone have a pair of spare dial disks for an SP-600 that  
>are somewhat white in color? ( as opposed to the tobacco-  
>juice yellow-brown that mine are? )  
>  
>At one time on the BA list, I recall someone having a supply  
>of these. It has been a couple years though.  
>  
>Thanks for any help  
>  
>Tom KA4RKT  
>  
>  
>  
>-----  
>Please visit The Mil List for info on military communications gear:  
>  
>[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)  
>  
>Click on the "Online Manuals..." link for a few  
>>manuals in PDF format. More to be added  
>as time goes by.  
>  
>ANY and ALL Contributions Welcome.  
>\*\*\*\*\*  
> Tom Norris KA4RKT  
> badger@telalink.net               Nashville, Tennessee, USA  
>-----  
>\*\*\*\*\*  
>  
>

-----  
Date: Thu, 25 Feb 1999 09:31:37 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Headset rewiring: sewing leather, HB crimpers, cloth-wire tips  
Message-ID: <Pine.SUN.3.96.990225084606.28506A-100000@indy3>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Ray and the gang!

Ray's added some good tips about sewing leather and other headphone-related topics that are well worth knowing.

As it happens, I do a little hobby leatherworking (not much--the leatherwork bench is covered with radio parts right now, in fact!). One of the very best things a person wanting to redo leather headphone bands could pick up from Tandy is Al Stohlman's book, "The Art of Hand Sewing Leather." It is not expensive and covers \*everything\* you'd want to know! There are some tricks to sewing the stuff with an awl & harness needles.

(Biggest thing is, the diamond-shaped awl holes should be punched so two parallel sides of the diamond are parallel to the direction in which you are sewing--keeps the thread from pulling on the "pointed end" of the awl holes. There are refinements, like grooving the path where the stitches will run, etc. that are simple, easy and make the finished product look and work better. Buy a cake of beeswax, too--it is handy even with prewaxed thread).

...The Stohlmans are to leather work what Elmer Osterhoudt and the older ARRL & "Radio" Handbooks are to BA'ing--except they draw pictures a lot better than either! Really good stuff; several books on making leather cases (for \*anything!\*) and a classic on "Leathercraft Tools" that is full of good workshop tips of very wide applicability.

On Ray's HB crimpers--just happened the very topic came up recently while chatting with the fellow who does a lot of vehicular two-way installation for the TV station. Seems at least one mfr. still uses tinsel cord for mic leads! His advice is to buy the \*cheapest\* heavy needle-nose pliers you can find, as there's no torsional stress on the jaws and the cheap steel is easier to work. As such a tool does not see heavy use (even for a two-way tech!), these "budget" crimper last a long time. The commercial versions of such crimpers use a two-stage process, with a little "wire-pusher" form to seat the tinsel-cord on the lug teeth before crimping--I've been using a thumbnail or tiny "green tweaker" screwdriver for that and found it work okay.

More later. I'll dig up ordering numbers & info on the tinsel cord, etc. that PhoneCo sells and post it. The two-conductor tinsel cord is brown in color; the tinsel wire proper consists of six strands, each strand a heavy thread overwrapped with tinsel and all six strands wound around an even heavier thread. Close-weave cloth sleeving over that and then a pair of such wires are enclosed in an outer cloth sleeve. It's good stuff, a near-match to most "civilian" headphone cords; military, some of the high-end Trimms, and Brush-Clevite (crystal) headphones used rubber-coated tinsel-cord for better moisture resistance and longer wear.

PhoneCo sells up to six-conductor versions of this stuff, used in places where it has to withstand ringing voltage--I would \*not\* use it for high current or DC voltages much in excess of about 150 V.

If you want a cloth-covered \*key\* lead, I've had good luck with some of AES's cloth-covered, rubber-insulated mains wire in the cathode of a 6L6, about 450V open-circuit; but I doubt the maker intended it for that, so if

you try it, it's at your own risk! You can twist up their cloth-covered stranded hookup wire for key (battery, etc) leads, too--mind the "lay" of the covering when twisting, as one handedness will make it bunch up and the opposite will not. More than two conductors can be braided, but you'd better bring your lunch for that job, a six-foot-long braid of six will take awhile to do properly!

73,  
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore  
FISTS #3388 \* G-QRP #10001 \* ARRL \* RSGB \* WIA  
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

-----  
End of BOATANCHORS Digest 2440  
\*\*\*\*\*

>From ???@??? Fri Feb 26 01:58:21 1999  
Message-Id: <199902260300.VAA15658@sco.theporch.com>  
Date: Thu, 25 Feb 1999 20:59:35 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2441

BOATANCHORS Digest 2441

Topics covered in this issue include:

- 1) BB-55 Radio Central  
by Nick England <nick@cs.unc.edu>
- 2) Re: Wives and BA's  
by "Walt Novinger" <wnovinger@home.com>
- 3) R: Geloso VFO -- info needed  
by "Claudio Marchesini" <cmarch@datamat.it>
- 4) RE: Wives and BA's  
by "Katz, Gene S" <gene.s.katz@lmco.com>
- 5) Wanted: RAL manual  
by Chip Owens <owens@atd.ucar.edu>
- 6) Regen radiation  
by Pete McCollum 25-Feb-1999 0908 -0600 <mccollum@ssdevo.ENET.dec.com>
- 7) WTB 304TL/VT-129 Tube Socket  
by MIKHAEL\_BROWN@HP-PaloAlto-om24.om.hp.com
- 8) ADMINISTRIVIA: A Few Does and Donts  
by listown@jackatak.theporch.com (Mail List Owner)
- 9) Re: Headset rewiring: sewing leather, HB crimpers, cloth-wire tips



- by Ray Mote <rmote@rain.org>
- 10) Halli SR-400A Wanted  
by Sandy Gerli <angerli@esslink.com>
  - 11) Re: Regen radiation  
by Sandy W5TVW <ebjr@worldnet.att.net>
  - 12) BA Videos...Used?  
by Bob Login <jlogin@gville.mindspring.com>
  - 13) Re BC223 info  
by philip mccooy <dgnova@erols.com>
  - 14) URT-11 ?  
by Pete McCollum 25-Feb-1999 1417 -0600 <mccollum@ssdevo.UNET.dec.com>
  - 15) RE: Regen radiation  
by "David Newkirk" <dpnewkirk@home.com>
  - 16) B&W 5100A available  
by "Herbert M. Rosenthal" <herbrose@lobo.net>
  - 17) Hallicrafters SX-71 Dial Colors  
by Liles Garcia <Liles\_Garcia@pmc-sierra.com>
  - 18) Interesting catalog  
by "Benjamin D. Hall" <kd5byb@WT.NET>

-----  
Date: Thu, 25 Feb 1999 09:47:01 -0500 (EST)  
From: Nick England <nick@cs.unc.edu>  
Message-Id: <199902251447.JAA01525@altair.cs.unc.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BB-55 Radio Central

John Poulton and I went on a little trip to Wilmington NC yesterday (to pick up some BA gear, naturally), and stopped by the USS North Carolina, BB-55 (WW II battleship). I hadn't been on board since "Radio Central" had been opened to the public. Pretty nifty!

There are 17 operator positions (desk/receiver/typewriter) in two compartments plus a supervisor's station. The supervisor has a big patch panel to connect various antennas, receivers, transmitters, and keys around the battleship. (The transmitters are still hidden away somewhere not accesible to civilians yet). The supervisor also has a General Radio freq meter (LD-4) for keeping track of things. We also could see a tube tester mounted on a bulkhead.

Although all the receivers are behind plexiglas and we couldn't make out nomenclature well, here's what we think we saw, also based on correlation with the labels on the AC mains switch panel.

two RBA

four RBB  
five RBC  
one RAK  
one RDL  
one "H.S.27" (Hallicrafters S-27)  
two DP-8 (direction finders)  
one RAO-7  
one TBS-4 rcvr/xmtr (not sure this really belonged there)  
one RDP panadaptor (ditto)

I know there are people who know lots more about what we saw than we do,  
but that's our report from the field...errrr....ship.

According to the signage there are other auxiliary radio rooms  
scattered about the ship as well as the transmitter rooms.  
Radio Central is located starboard aft of the #2 16" gun barbette several  
decks down and near the gun plotting room (that's a guess - it is  
pretty easy to lose your bearings belowdecks!).

So if you ever find yourself near Wilmington NC, check out the BB-55 -  
it is well worth a visit!

73 & Have Fun,  
Nick England KD4CPL    nick@cs.unc.edu    Univ. Of North Carolina  
<http://www.cs.unc.edu/~nick/hobbies.html>    Chapel Hill NC

-----  
Message-ID: <006001be60d3\$51a6bb80\$113d4018@cs856563-a.cgra1.ab.wave.home.com>  
From: "Walt Novinger" <wnovinger@home.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Wives and BA's  
Date: Thu, 25 Feb 1999 08:27:13 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't think you're as "unusual" as you think, Tom. My spouse, Therese  
(Terri to many of our BA friends) is as avid in the hobby as I am. Indeed,  
nearly every BA we have has ultimately been purchased by her. She was the  
one who used to get me out of bed a 0-dark-thirty to get to the Foothills or  
Livermore swaps when we used to live in the Bay Area. It is also she who  
spends hours on the phone chasing down the elusive BA I currently lust over.  
When it comes to the finnickiness of cabinet cleaning or refinishing the  
front panel on an SX-28A, Therese is the one who has the patience to see the  
job through.

Therese may not know how a tube works, but having your spouse and best

friend share your admittedly strange hobby is a wonderful thing! Given the many, many hours we've put into our collection, if she hadn't shared the hobby, it would have been a real shame.

While not every wife (or husband) can be a therese or Bobbi, try to find an aspect of the hobby that interests your partner...you'll both be the better for it.

=====

Walt Novinger                      Real Radios Keep You Warm At Night!  
Collector of hollowstate communications receivers and test equipment  
wnovinger@home.com  
-----Original Message-----  
From: Tom Norris <badger@telalink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Thursday, February 25, 1999 6:27 AM  
Subject: Wives and BA's

```
>
>[ tony wrote on the R-390 list - ]
>>I learned long ago that wives are apt to be a bit critical of boatanchors;
>>they are programmed differently and seldom see the beauty in a 50 year old
>>dust-covered work of art. So I casually strolled out into the paddocks,
>
>I must be unusual here. My wife loves my old radios, if for no other reason
>than
>they are mechanically complex and still work after 40-50 years. She is
>absolutely
>fascinated by tubes, in that they work at all, just being a few pieces of
>metal in
>a vacuum. ( and she also understands the physics of their operation! )
>I can't really get her really interested in the hobby though, she has way
>too many
>of her own as it is.
>
>Anyone else have spouses that are hams or are at least interested in old
>radios?
>
>73 all
>
>Tom KA4RKT
>
>( another amazing fact, I am a ham lucky enough to work in the radio
>communications
>field, with a stint in broadcasting for a while. She is a book addict that
>is a library assistant.
>Not sure just how we both ended up with jobs that just coincidentally are
```

>directly related  
>to our hobbies. Luckily, most of the BA tomes mentioned on the list are  
>indeed available through  
>interlibrary loan!!! )  
>

-----  
From: "Claudio Marchesini" <cmar@datamat.it>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: R: Geloso VFO -- info needed  
Date: Thu, 25 Feb 1999 16:35:08 +0100  
Message-ID: <01be60d4\$6cc781a0\$260b020a@cmar.datamat.it>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="utf-7"  
Content-Transfer-Encoding: 7bit

+AD4-       +ACI-Model 4/102 for driving two 807's or 6146's final. Has five bands.  
+AD4-Supplied with model 1640 dial assembly. Less tubes and xtal, +ACQ-29.95+ACI-  
The  
+AD4-photo of it in the ad looks just like the VFO I have.  
+AD4-  
+AD4-       The VFO has two octal sockets and one 7-pin socket, but I have no idea  
+AD4-what tubes it uses. I guess the 7 pin socket is for the crystal. But I  
+AD4-don't know the frequency of the crystal.

Hello Tom and Gang,  
after some days (I have had a terrible flu...) I can give my little  
contribution to this wonderful list.  
Shortly.  
The 4/102 it's a variable oscillator of the well known Geloso radio  
company.  
Giovanni Geloso (1901-1969) has been a genial engineer that had the  
possibility to see realized your  
+ACI-american dream+ACI- here in Italy.  
Thirty years ago Geloso company was the most important builder of ham  
equipment (but not only...)  
in my country.  
The VFO is suitable to drive AM and/or CW transmitters that have PA stages  
with 807 or 6146.  
I don't think it very suitable to SSB service but you can try... +ADs--)  
The VFO works free running, without rocks, on the classical five ham bands  
of 80, 40, 20, 15 and 10 meters.  
The tubes employed are:  
V1+AD0-6J5GT (octal socket) as free oscillator in Clapp configuration +ADs-

V2+AD0-6AU6 (seven pin miniature, socket) as isolation buffer and multiplier+ADs-  
V3+AD0-6L6G (octal socket) as driver stage and multiplier.

To get a +ACI-bit of life+ACI- from such puppy it's enough to furnish the HV (400 Vdc) and heater voltage.

I'm scanning a page of an old italian magazine where it appears with the electric diagram and layout.

Asap I'll send such compressed file directly to your e-mail address so I won't occupy bandwidth.

Obviously whoever was interested in the same infos can drop me a line...

73 de Claudio

BA collector in Italy

-----  
Content-return: allowed

Date: Thu, 25 Feb 1999 10:44:51 -0500

From: "Katz, Gene S" <gene.s.katz@lmco.com>

Subject: RE: Wives and BA's

To: Old Tube Radios <boatanchors@theporch.com>

Message-id: <40D23851A09ED211B3430000F8081AD0750879@emss04m16.ems.lmco.com>

MIME-version: 1.0

Content-type: text/plain

My XYL is not a ham, but has come to appreciate the beauty of fine old radios. But I am not sure why, mayhaps be she is interested in what \$\$ they will fetch after I'm gone? Or what they are worth in a DIVORCE settlement? She is quite a packrat in her own right and since we have limited space and no basement, we have to compete for square footage which we don't have. The radio shack/hobby room/computer room/storage room is a small bedroom and is packed full. She has gone to fleamarkets and antique stores, etc looking for old radios and has become fairly adept at picking out bargains and keepers, even when we go on vacation overseas. But it is pretty sad when you finally have to agree with the wife that we just don't have any more room for any more radios. We used to make every hamfest/radio show we could in four states, but haven't been to one for at least 2 years now. I know I could sell my BAs and get some room back, but then I wouldn't have them anymore. Maybe a larger house??

73 Gene KC6BLD

-----  
Message-ID: <36D5741E.3E83375B@atd.ucar.edu>

Date: Thu, 25 Feb 1999 09:02:38 -0700

From: Chip Owens <owens@atd.ucar.edu>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Wanted: RAL manual

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'd like to find a manual for the Navy RAL receiver. I'd prefer an original manual naturally, but would consider a clean, readable photocopy.

Thanks, Chip, NW00

--

Chip Owens (owens@atd.ucar.edu)

-----  
Message-Id: <9902251610.AA28690@us3rnc.cxo.dec.com>  
Date: Thu, 25 Feb 99 09:10:19 MST  
From: Pete McCollum 25-Feb-1999 0908 -0600 <mccollum@ssdevo.ENET.dec.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Regen radiation

If a regen has an RF-amp front end, just how effective is this at reducing radiation?  
That is, if I used an RF stage, and put the whole thing in a metal box, how quiet can I expect it to be?

Pete

-----  
From: MIKHAEL\_BROWN@HP-PaloAlto-om24.om.hp.com  
Date: Thu, 25 Feb 1999 09:10:23 -0800  
Message-Id: <H00011050e0fdb72@MHS>  
Subject: WTB 304TL/VT-129 Tube Socket  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: multipart/mixed; boundary="openmail-part-12f612f6-00000001"

--openmail-part-12f612f6-00000001  
Content-Type: text/plain; charset=US-ASCII; name="BDY.TXT"

-----  
Message-Id: <199902251715.LAA21799@jackatak.theporch.com>  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: A Few Does and Donts  
Date: Thu, 25 Feb 99 11:15:01 CST

Gang-

Here are the real basics of how to keep me happy, the list noise-free, and everyone able to enjoy BoatAnchors... Simple, easy, workable...

Do not send spam e-mail messages to the list.

Do not send attachments (attached files) of \*ANY\* sort to the list. This includes URL shortcuts, v-cards, GEDCOM files, zipped files, and \*ANY\* other type of attachment.

Do not EVER forward virus hoaxes or chain letters to the list.

Do not use HTML or RTF (rich text format) in messages sent to the list.

Do not cross-post messages to multiple mailing lists on the "To:" line or the "Cc:" line of the e-mail message.

DO keep e-mail messages to the list on topic and appropriate.

Do not post commercial messages.

Please refrain from posting "Ebay" type auction notices.

DO be polite.

Do not flame other members of the list.

DO be considerate of the list members and list resources.

DO have fun!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Thu Feb 25 11:15:01 CST 1999

-----  
Date: Thu, 25 Feb 1999 09:44:49 -0800 (PST)  
From: Ray Mote <rmote@rain.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Headset rewiring: sewing leather, HB crimpers, cloth-wire tips  
Message-ID: <Pine.SUN.4.05.9902250932230.17671-100000@coyote.rain.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow! Thanks, Bobbi! Couple corrections to what I said before:

1. It should be about 5 or 6 stitches per inch, not 8-10. One day I'll learn \*not\* to work from memory. (Finally found a few handwritten notes from Jan '95.) Just wish I'd noted how much thread to reel off and cut to be sure it covers the whole headband without too much waste. I put a needle on each end and push one of 'em through a pair of end holes, then pull till I have equal amounts of thread hanging out either side. The process involves putting needles thru the next hole from both sides and pulling taut, then repeating till you get to the end. You then "reverse course" and sew back toward the starting point for a few holes, finishing off by putting the needles thru \*one\* hole of a pair, cutting, and tucking the end neatly between the layers (so you don't have to tie an ugly knot). This is all documented in the Stohlman book that Bobbi referred to, which is well worth your money and time.

2. On the HB crimper, better check the measurements of whatever lugs \*you\* find rather than going with the dimensions I quoted (which were based on the toothy lugs I had).

73....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

-----  
Message-ID: <36D593E7.DF9291B8@esslink.com>  
Date: Thu, 25 Feb 1999 13:18:15 -0500  
From: Sandy Gerli <angerli@esslink.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Halli SR-400A Wanted  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Looking for a Hallicrafters SR-400A Cyclone with p/s and manual in decent shape. Push come to shove, I'll consider a non-working one to restore.

73,

--  
Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566  
E-Mail: angerli@esslink.com



Life Member: ARRL, QCWA  
Collins Collectors Association  
Hallicrafters Collectors Association

"Boatanchors are Ham Radio's living history!  
Get in touch with 'em. Restore something! Smell that hot solder!  
Sure beats booze. And, you can get up afterwards..."

-----  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
Subject: Re: Regen radiation  
Message-Id: <19990225183705.QGP23058@LOCALNAME>  
Date: Thu, 25 Feb 1999 18:37:05 +0000

At 09:10 AM 2/25/99 MST, you wrote:

>If a regen has an RF-amp front end, just how effective is this at  
>reducing radiation?  
>That is, if I used an RF stage, and put the whole thing in a metal  
>box, how quiet can I expect it to be?

>  
>Pete

>  
>On my RAL-7, I cannot detect it with any receiver I have unless it is  
on 15 meters and I can hear it \*very\* weakly!

I've owned SW-3 receivers and can detect them, but the signal is weak on  
thru 40 meters. Can hear it about S3-4 on 20 meters and S8-9 on 10  
meters. It has a single tuned RF stage. The RAL has two tuned RF stages  
and is much better shielded!

73,  
Sandy W5TVW

-----  
Message-Id: <199902251843.NAA16889@smtp0.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 25 Feb 1999 13:40:19 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Bob Login <jlogin@gville.mindspring.com>  
Subject: BA Videos...Used?  
Cc: "Old Tube Radios <boatanchors@theporch.com> Collins Collectors List"  
<COLLINS@LISTSERV.TEMPE.GOV>

Hi Matt--I love the videos. Think that Rippel really knws his stuff.  
I followed his directions as much as possible. Changed all black

beauties even in rf section. Rx wks better than ever. Now understand why government bought so many. Trying to buy more videos second hand to save some \$. Even though they must be first rate, they are expensive! If they were no more than \$50, they would be worth it. So far no one has gotten back to me. I'm not interested in pirated copies just bargain cast-offs. So far no luck!.....73's Bob,AA8A

At 09:10 AM 2/25/99 -0800, you wrote:

>Hi Bob,

> Saw you below post and had to ask for your opinion on the  
>SP600 videos. Are they worth it? I have 2 SP600s in excellent  
>condition and would like to keep them that way.

> Thanks ahead of time for your opinion.

>

> Matt WB2VZS

>

>-----Original Message-----

>From: Bob Login [mailto:jlogin@gville.mindspring.com]

>Sent: Thursday, February 25, 1999 6:24 AM

>To: Old Tube Radios

>Cc: Old Tube Radios

>Subject: Re: Help with SP-600 dial disks

>

>

>Tom--I hv the SP600 videos and in them Chuck Rippel shows  
>how to replace dials and he sells the overlays. U turn the old  
>dials an put the white overlays on the back!

>

>I redid my panels by stripping off all paint down to bear metal  
>priming, painting and relettering with white -out(typing correction fliud)  
>U remove excess with auto refinishing paste(mild rubbing agent--3M makes  
>a version)...Looks great..73's Bob, AA8A

>

>At 04:45 PM 2/24/99 -0600, you wrote:

>>Help. I am in the process of refinishing the panel of  
>>my SP-600. The dial disks have some sort of antifungal  
>>coating on them ( as did the panel ) Nothing seems to remove  
>>it, and I am too chicken to try to blast and repaint the disks.  
>>Anyone have a pair of spare dial disks for an SP-600 that  
>>are somewhat white in color? ( as opposed to the tobacco-  
>>juice yellow-brown that mine are? )

>>

>>At one time on the BA list, I recall someone having a supply  
>>of these. It has been a couple years though.

>>

>>Thanks for any help

>>

[illegible]

><BR><FONT SIZE=2>Sent: Thursday, February 25, 1999 6:24 AM</FONT>  
><BR><FONT SIZE=2>To: Old Tube Radios</FONT>  
><BR><FONT SIZE=2>Cc: Old Tube Radios</FONT>  
><BR><FONT SIZE=2>Subject: Re: Help with SP-600 dial disks</FONT>  
></P>  
><BR>  
>  
><P><FONT SIZE=2>Tom--I hv the SP600 videos and in them Chuck Rippe1 shows  
</FONT>  
><BR><FONT SIZE=2>how to replace dials and he sells the overlays. U turn the  
old </FONT>  
><BR><FONT SIZE=2>dials an put the white overlays on the back! </FONT>  
></P>  
>  
><P><FONT SIZE=2>I redid my panels by stripping off all paint down to bear  
metal</FONT>  
><BR><FONT SIZE=2>priming, painting and relettering with white -out(typing  
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><BR><FONT SIZE=2>U remove excess with auto refinishing paste(mild rubbing  
agent--3M makes</FONT>  
><BR><FONT SIZE=2>a version)...Looks great..73's Bob, AA8A</FONT>  
></P>  
>  
><P><FONT SIZE=2>At 04:45 PM 2/24/99 -0600, you wrote:</FONT>  
><BR><FONT SIZE=2>&gt;Help. I am in the process of refinishing the panel of  
</FONT>  
><BR><FONT SIZE=2>&gt;my SP-600. The dial disks have some sort of  
antifungal</FONT>  
><BR><FONT SIZE=2>&gt;coating on them ( as did the panel ) Nothing seems to  
remove</FONT>  
><BR><FONT SIZE=2>&gt;it, and I am too chicken to try to blast and repaint  
the disks.</FONT>  
><BR><FONT SIZE=2>&gt;Anyone have a pair of spare dial disks for an SP-600  
that</FONT>  
><BR><FONT SIZE=2>&gt;are somewhat white in color? ( as opposed to the  
tobacco-</FONT>  
><BR><FONT SIZE=2>&gt;juice yellow-brown that mine are? )</FONT>  
><BR><FONT SIZE=2>&gt;</FONT>  
><BR><FONT SIZE=2>&gt;At one time on the BA list, I recall someone having a  
supply</FONT>  
><BR><FONT SIZE=2>&gt;of these. It has been a couple years though.</FONT>  
><BR><FONT SIZE=2>&gt;</FONT>  
><BR><FONT SIZE=2>&gt;Thanks for any help</FONT>  
><BR><FONT SIZE=2>&gt;</FONT>  
><BR><FONT SIZE=2>&gt;Tom KA4RKT</FONT>  
><BR><FONT SIZE=2>&gt;</FONT>  
><BR><FONT SIZE=2>&gt;</FONT>  
><BR><FONT SIZE=2>&gt;</FONT>



ftp.Qsl.net/pub/w3sak

Also included is the schematic for a Japanese military transeiver. This is in colour, but has to be cleaned up. This original has a white background with grid, plate and other leads in different colors. Very pretty.

-----  
Message-Id: <9902252118.AA13008@us3rmc.cxo.dec.com>  
Date: Thu, 25 Feb 99 14:18:35 MST  
From: Pete McCollum 25-Feb-1999 1417 -0600 <mccollum@ssdevo.ENET.dec.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: URT-11 ?

Can anyone give me a couple of sentences about what the URT-11 is?  
I think it's an exciter and/or transmitter, but that's all I know.

Thanks,  
Pete

-----  
From: "David Newkirk" <dpnewkirk@home.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Regen radiation  
Date: Thu, 25 Feb 1999 18:26:27 -0500  
Message-ID: <000001be6116\$44a21400\$11670518@cc328679-a.vron1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Pete McCollum wrote:

> If a regen has an RF-amp front end, just how effective is this at  
> reducing radiation?  
> That is, if I used an RF stage, and put the whole thing in a metal  
> box, how quiet can I expect it to be?

Sandy has already characterized his RAL-7's two-RF-amp performance in this regard. The receiver I described in September 1992 QST, which uses a 6GH8A pentode RF amp ahead of its 6GH8A pentode Hartley detector, radiates -83 dBm (5 pW) -- a very low power. And that's with no special attention paid to interstage shielding aside from heater-line bypassing. Building it as George Grammer built his Rationalized Autodyne of 1933, with the RF and detector stages in separate metal partitions, might lower the radiation more. Neutralizing the RF amplifier would also likely be an improvement in either case.

Yes, an RF amplifier is well worth using in a regenerative receiver, for this reason in addition to isolating the detector from antenna loading. Use a variable-mu tube, and you can also easily control the signal level at the detector -- important in getting the most out of a regen -- by varying the amplifier bias.

73,

Dave Newkirk, W9VES  
dpnewkirk@home.com

-----  
Message-ID: <36D5E2CB.720E@lobo.net>  
Date: Thu, 25 Feb 1999 16:55:01 -0700  
From: "Herbert M. Rosenthal" <herbrose@lobo.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: B&W 5100A available  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Not mine; I spotted it today, asked the price, peeked inside.

Asking price is about \$190 plus shipping from Albuquerque.

Looks pretty clean outside; the vernier dial turns and on the inside-all tubes, etc. I don't know zip about this machine, so I'm guessing that the two shielded leads from a ceramic switch section, with RCA plugs, may go to the SSB adaptor which is NOT there. There is a 'SSB -Normal' marking for this switch on the front panel. Also, appears to be an 80M FT243 xtal plugged into the copper plated box behind the vfo. I'd also guess the SSB adaptor plugs into what appears to be an 11 pin 'octal' socket back by the rectifiers. Pair of 6146s modulating a pair of 6146s.

Seller is not the owner. And I'm not the seller, but can put you in touch with him if interested. Imagine this will be sold as is/where is. Believe the owner can be contacted by the seller.

I'll put you in touch-no commission here!

Herb Rosenthal W5AN  
herbrose@lobo.net

-----  
Date: Thu, 25 Feb 1999 17:07:02 -0800 (PST)  
From: Liles Garcia <Liles\_Garcia@pmc-sierra.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Hallicrafters SX-71 Dial Colors

Message-ID: <Pine.GS0.3.96.990225165615.13427B-1000000@tornado.pdx.pmc-sierra.bc.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Good evening Everybody,

This should be of general interest so I will ask everybody on our List. I have an SX-71 and its dials are the usual or normal white lettering on a black background. Last Saturday at a swap meet I saw an SX-71 that had black dial lettering on a white background. Both dials were that way. The white background was a little off-white because of aging. I know that Chuck Dachis' book says that there is such a thing, but are these black on white background SX-71's common, semi-rare, very rare or what. The asking price was not much if I remember correctly. Thanks in advance for any information.

Regards from Aloha, Oregon,  
Liles Garcia  
liles\_garcia@pmc-sierra.com

-----  
Message-Id: <3.0.32.19990225210613.007bb520@mail.wt.net>

Date: Thu, 25 Feb 1999 21:06:17 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: "Benjamin D. Hall" <kd5byb@WT.NET>

Subject: Interesting catalog

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Greetings everyone...

Got a catalog in the mail today that seems to have every type of connector in the world. They have both the "overgrown BNC" and Twinax connectors found on the R-390A, plus about 10 pages of adapters. Prices are high, but I've never seen a selection like it. They also have a neat connector identifier page.



They are:

Pasternack Enterprises  
PO Box 16759  
Irvine, CA 92623-6759

e-mail: sales@pasternack.com

73,

Ben

---

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.

Located in Houston, Texas, USA.

e-mail: kd5byb@WT.net, web: \*\*\*down for refurbishment\*\*\*

"An ye harm none, do what ye will."

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End of BOATANCHORS Digest 2441

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